Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

GDIF 246

DANA TOWNSHIP

DISTRICT OF NIPISSING

Compiled by the Staff of
the Resident Geologist's Office
Sudbury

LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

86-1432

NTS Number 41 I/9

Mining Claim Map Number M 747

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Dana Township, District of Nipissing; Ontario Geological Survey, Geological Data Inventory Folio 246, compiled by the staff of the Resident Geologist's Office, Sudbury, 16p. and 2 maps.

Original Compilation by: de Gagne, Ronn January 30, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

DANA TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 map
Exploration Data Map - 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm²	0.155 0	square inches	1 square inch	**6.451 6**	cm²
1 m²	10.763 9	square feet	1 square foot	**0.092 903 04**	m²
1 km²	0.386 10	square miles	1 square mile	**2.589 988**	km²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm³	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm³
1 m³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m³
1 m³	1.308 0	cubic yards	1 cubic yard	0.764 555	m³
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.D.
2	Assessment Files Research Office, Toronto	N.A.	R.D.
3	ODM General Index; 9 volumes	Yes	R.D.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	R.D.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	R.D.
6	ODM Industrial Mineral Reports	No	R.D.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	R.D.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.D.
9	Newspaper Clippings File	No	R.D.
10	GSC Index to Publications	Yes	R.D.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.D.
12	OGS Index Maps	Yes	R.D.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	R.D.
14	Author - Subject Articles File	Yes	R.D.
15	Miscellaneous Papers: ODM & OGS	Yes	R.D.
16	ODM Geological Circulars: OGS Study Series , Reports	Yes	R.D.
17	ODM Preliminary Reports: ODM Bulletins	No	R.D.
18	ODM – OGS Open File Reports	Yes	R.D.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.D.
20	OGS Aggregate Resources Inventory Papers	No	R.D.
21	OGS Mineral Potential Maps	Yes	R.D.
22	Theses on File, Sudbury	Yes	R.D.
23	Aerial Photographs on File, Sudbury	Yes	R.D.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- △ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (fluorspar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . Goethite
- △ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ mi . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- ▲ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc . . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr. . . . . Zircon

- ▲ . . . . . Anorthosite
- ▲ S . . . . . Sulphide mineralization

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

DANA TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Dana Township Occurrence Lot 10, Con.5	gt		Bruce, E. R. (1932) Geology of Tps. of Janes, McNish, Pardo, and Dana. O.D.M. Vol. 41, pt.4, p.1-22	Map Reference: O.D.M. P.367 (Capreol Sheet) 1966
B	Dana Black Granite Ltd.	anorthosite			Quarry and Gravel Files (Dana Township)
C	Dana Black Granite Ltd.	sgl			Quarry and Gravel Files (Dana Township)
D	Dana Township Occurrence	gt			O.G.S. Map P.2361 Sudbury-Cobalt Sheet
E	Dana Township Occurrence	S			Map Reference: O.D.M. P.844 River Valley Area 1972
F	Dana Township Occurence	S			Map Reference: O.D.M. P.844 River Valley Area 1972

MAIA TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	QUARRYING	SAND AND GRAVEL	
COMPANY/AUTHOR (file number)																				
1	Beaucage Mines Ltd.	56																		
2	Dana Black Granite Ltd.																	83 84	84	
3	Davis, K. A.			69																
*	Industrial Garnet Co. Ltd. (Stonefields Industrial Minerals Ltd.)			59																
4	Kennco Exploration (Canada) Ltd.								69	69										
5	Larcher, C.				76															
6	Patrie, J. P.			69																
7	Quebec Metallurgical	59																		
8	Rivale Industries Ltd.	69																		
9	Sudbury Research Project								?											
*	Property acquired by Rivale Industries Ltd.																			

GDIF FORM NO. 2

DANA TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Larcher, C.	1	1976		90	2.5	106	gt	-
2		2	1976		90	2.0	102	-	-
3		3	1976		90	2.0	108	-	-
4		4	1976		90	3.0	108	-	-
5		5	1976		90	2.0	101	-	-
6		6	1976		90	2.5	105	S;gt	-
7		7	1976		90	7.0	105.6	gt	

GDIF FORM NO. 3

DAVA TOWNSHIP 6

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4	Questor Surveys Ltd. Kennco Exploration Ltd.	Airborne EM, Airborne Magnetometer	400'	Normal S	1000-1200
9	G. D. H. Consultants Sudbury Research Project	Airborne Magnetometer	?	?	?

GDIF FORM NO. 4

DANA TOWNSHIP

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sudbury

ODM GENERAL INDEX SEARCH

Words searched:

BEAUCAGE MINES LIMITED
DANA BLACK GRANITE LIMITED
DANA LAKE AREA
DANA TOWNSHIP
DAVIS, K. A.
KENNCO EXPL. LIMITED
LARCHER, C.
PATRIE, J. P.
QUEBEC METALLURGICAL
RIVALE INDUSTRIES
RIVERS, E. J.
TOMROSE MINES LIMITED
INDUSTRIAL GARNET COMPANY LIMITED

Index Volume	Listing:	Report Volume	Part	Page
5	BEAUCAGE MINES LTD.			
	Capital; Officers; Operations	64	2	119
	Incorporated	63	1	56
6	BEAUCAGE MINES LTD.			
	Capital; Officers; Operations 1955	65	2	121
	Capital; Officers; Operations 1956	66	2	120
	Capital; Officers; Operations 1957	67	2	125
6	BEAUCAGE MINES LTD.			
	Name changed to Nova Beaucage	69	2	92
9	DANA BLACK GRANITE LTD.			
	Dana Twp., Nipissing Dist.	MP78		91,96
	River Valley Area, Sudbury, Dist.	MP84		103
9	DANA LAKE AREA			
	Summary of Field Work (Quaternary) by C. M. Tucker (1980)	MP93		109-111
3	DANA TOWNSHIP			
	Geological Report with Map by E. L. Bruce (1932)	41	4	1-28
5	DANA TOWNSHIP			
	Garnet Mining	64	2	6
7	DANA TOWNSHIP			
	Garnet Mining	71		146
		72		156
		73		160
8	DANA TOWNSHIP			
	Garnet	MP49		95
9	DANA TOWNSHIP			
	Garnet	MP70		168
7	INDUSTRIAL GARNET COMPANY LTD.			
	Capital; Officers; Operations 1961	71		146
	Capital; Officers; Operations 1962	76		155
	Name changed	73		160
	Operations 1960	70		139

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
9	KENNCO EXPL. CO.			
	Janes and McNish Tps., Sudbury, Dist.	GR91		70
		MP67		114,115
6	QUEBEC METALLURGICAL			
	Capital; Expenses; Operations 1955	65	2	161
	Capital; Expenses; Operations 1956	66	2	159
	Capital; Expenses; Operations 1957	67	2	171
	Capital; Expenses; Operations 1958	68	2	136
	Capital; Expenses; Operations 1959	69	2	128
9	RIVERS, E. J.			
	Janes Twp., Sudbury Dist.	GR191		70,71
4	RIVER VALLEY AREA			
	Dana Twp., Garnet mining 1944	54	1	34
	Dana Twp., Garnet mining 1946	56	1	34
	1947	57	1	37
5	RIVER VALLEY AREA			
	Garnet mining	64	2	6
8	RIVER VALLEY AREA			
	Sudbury and Nipissing Dist. aggregate	MP53		164
	Summary of Field Work 1971	MP49		90-97
	Summary of Field Work 1972	MP53		143
8	TOMROSE MINES LTD.			
	Crerar Twp., Nipissing Dist.	MP49		95

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D. and Lumbers, S. B.	1974-75	Sudbury-Cobalt Area Geological Compilation Revised	O.G.S. Map 2361	1"=4 mi.
Lumbers, S. B.	1972	River Valley Area Districts of Sudbury and Nipissing	O.D.M. Map P.844	1"=1 mi.
Meyn, H. D.	1966	Capreol Sheet Districts of Sudbury and Nipissing	O.D.M. Map P.367	1"-2 mi.
		GEOPHYSICAL MAPS		
G.H.D. Consultants	?	Aeromagnetic Map - Sudbury Research Project	Map 1	1"=¼ mi.
Gupta, V. K. and Wadge, D. R.	1980	Bouguer Gravity and Generalized Geology North Bay-Marten River Districts of Sudbury and Nipissing	O.G.S. Map P.2297	1"=1000 000
O.D.M.-G.S.C.	1965	Aeromagnetic Map - Glen Afton Sheet	Map 1501	1"=1 mi.
O.D.M.-G.S.C.	1965	Aeromagnetic Map - Sudbury, Ontario	Map 7067G	1"=4 mi.
O.G.S.-G.S.C.	1978	Uranium Reconnaissance Program - Airborne Gamma Ray-Spectrometer Survey Sudbury Sheet	Map P.1610	1:250 000
O.G.S.-G.S.C.	1977	Uranium Reconnaissance Program - Line 301 Sudbury Sheet	Map P.1646	1:250 000
O.G.S.-G.S.C.	1977	Uranium Reconnaissance Program - Line 331 Sudbury Sheet	Map P.1647	1:250 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dept. of Energy, Mines and Resources	1975	Topographic Map - Glen Afton Sheet	41 I/9	1:50 000
Gartner, J. F.	1980	N.O.E.G.T.S. Capreol	Study 95	
	1980	N.O.E.G.T.S. Data Base Map, Capreol	Map 5001	1"=100 000
		MINERAL POTENTIAL MAPS		
O.G.S. and Mineral Resources Bank	1982	Mineral Potential Map of Ontario West Central Sheet	OFR5327	1"=16 mi.
O.G.S.	1977	Molybdenum Deposits of Ontario East Central Sheet	O.G.S. Map P.1246	1"=16 mi.
Springer, J.	1976	Ontario Mineral Potential Sudbury Sheet	O.G.S. Map P.1511	1:250 000
		GEOCHEMICAL		
		None as of January 30, 1985		
		GEOLOGICAL REPORTS AND MAPS		
Bruce, E. L.	1932	Geology of the Townships of Janes, McNish, Pardo and Dana	O.D.M. Annual Rpt. Vol.41, pt.4, p.1-28 Map 41(f)	1"=¼ mi.
Kustra, C. R.	1977	Annual Report of the Regional and Resident Geologists, 1976	O.G.S. MP71	

GDIF FORM NO.8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
O.G.S.	1978	Summary of Field Work, 1978	MP82	
O.G.S.	1980	Summary of Field Work, 1980	MP96	
Quebec Metallurgical	1976	Index to Geoscience Data	O.F.R.5210	Card 002 P.E-1 D107311
Thomson, Jas. E.	1960	Uranium and Thorium Deposits at the base of the Huronian System in the District of Sudbury	O.D.M. GR1	Chart A 1"=6 mi.
Vos, M. A.; Smith, B. H. and Stevenato, R. J.	1981	Industrial Minerals of the Sudbury Area	O.F.R.5329	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Davis, G. L.	?	Geochronology and Geochemistry of the Grenville Province	Sudbury File 3-4	p.224-230
Davis, G. L. et al.	?	The Age of Metamorphism in the Grenville Province, and the Age of the Grenville Front	Sudbury File 3-4	p.307-315
Henderson, J. R.	1967	Structural and Petrographic Relations Across the Grenville, Southern Province Boundary. Ph.D.,McM.	Sudbury Theses File No.27	
Latour, T. E.	1981	Significance of Folds and Mylonites at the Grenville Front in Ontario (Summary)	G.S.A. Bull., Vol.92, pt.1	p.411-413
Laurin, A.	1955	The Problem of the Boundary between the Grenville and Timiskaming Provinces, Ontario. B.Sc., Laval	MP2	p.29

DANA TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

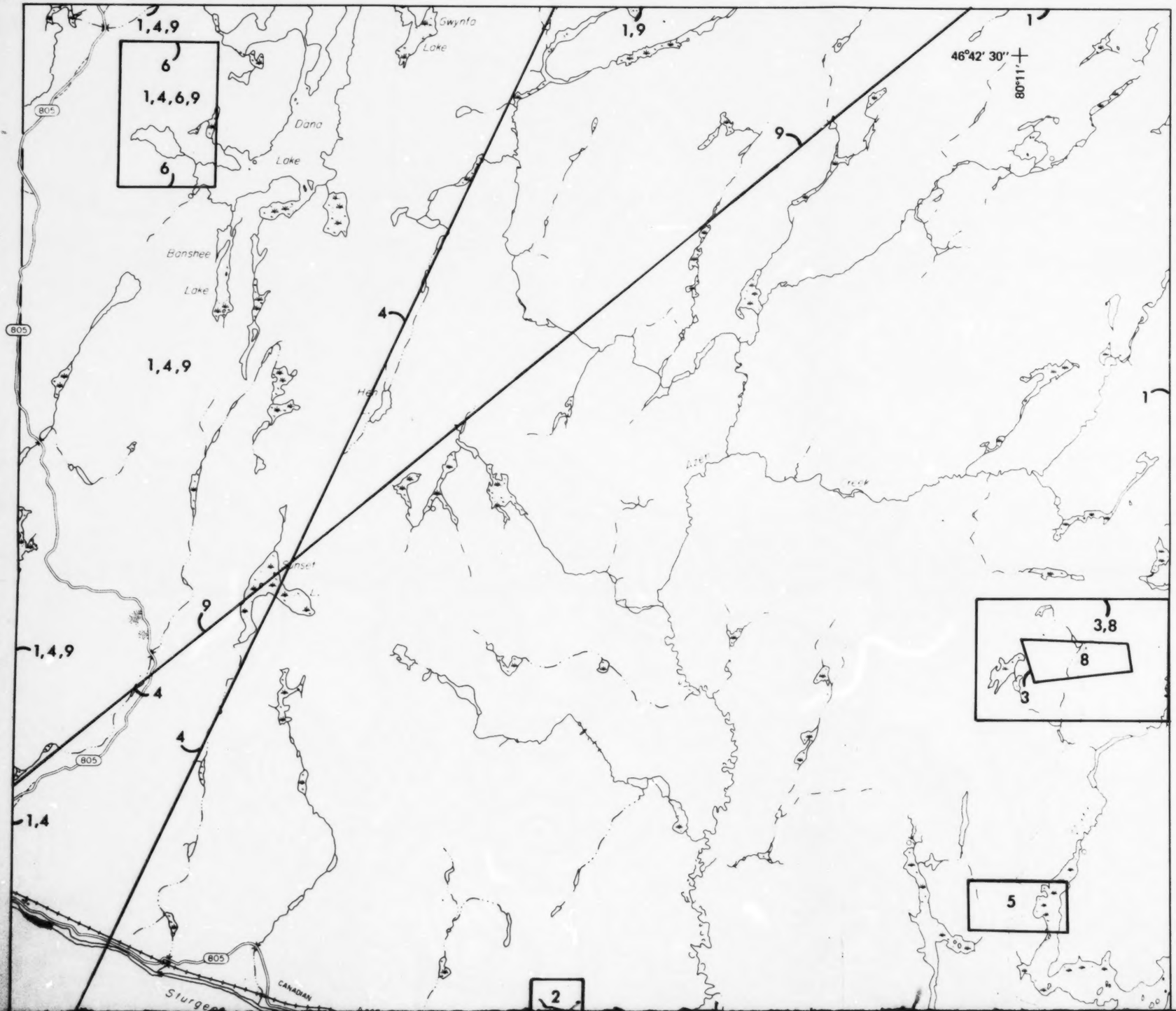
Index to Aerial Photographs

Scale: 1"=¼ mile

Year	Roll	Line	Number
1970	29	4628	39
	29	4627	92
1946	33	146	23
	33	147	9
	30,31	148	34-41
	30	149	68

Note: Surface and Mining Rights of all Crown Lands withdrawn from staking. (Order No.W2/82, Nov.5, 1982)

GDIF FORM NO.10



Ministry of Natural Resources

Ontario

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 246

(Map 1 of 2)

DANA TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined.
See listing in text pages.

Ontario Ministry of Natural Resources

Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 246

(Map 1 of 2)

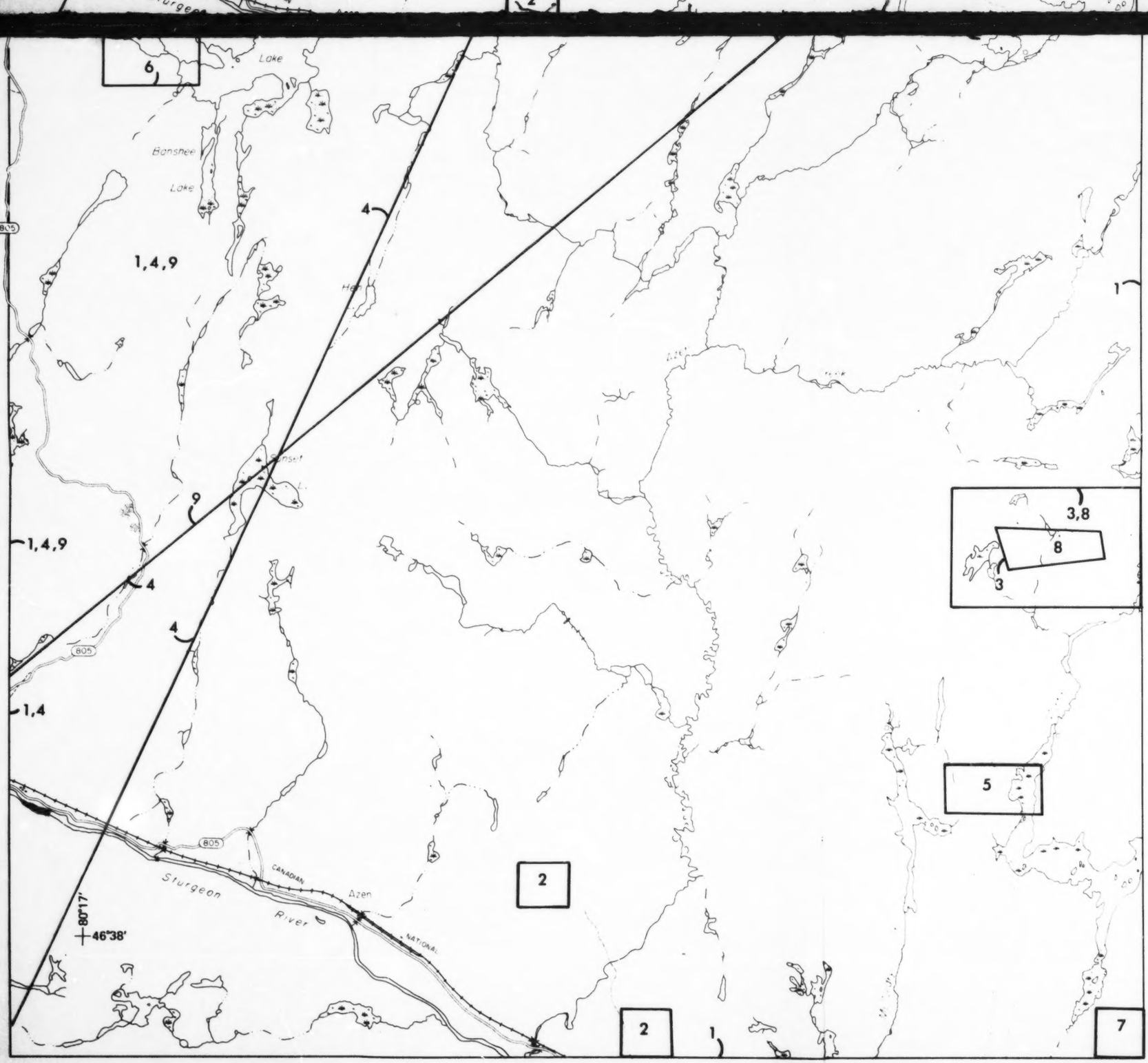
DANA TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



EXPLORATION DATA FILE AREAS

① ⑥ Reference number is always inside work area outlined. See listing in text pages.

x ④ Small area of exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly
- Audio-frequency magnetometer anomaly
  (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

Ministry of Natural Resources
Ontario

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 246

(Map **2** of **2**)

DANA TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
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- Ground Radiometric Anomaly
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- Self Potential Anomaly
- Audio-frequency magnetometer anomaly
  (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Multiple Pits
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 246

(Map **2** of **2**)

DANA TOWNSHIP

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- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number